

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Reqstd: 06/07/2007

Time Report Reqstd: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

C Number: C50522B

Lock Date: 04/14/1994

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include ALL

TDMSE Version: 1.7.0

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Developmental Malformation

X

CARDIOVASCULAR SYSTEM

Heart
Cardiomyopathy
Atrium, Thrombosis

ENDOCRINE SYSTEM

Parathyroid Gland Hyperplasia + + + M + + + M + M + + + + + M + I + M M + M + +

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HEMATOPOIETIC SYSTEM

INTEGUMENTARY SYSTEM

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	DAY ON TEST																	
B6C3F1 MICE MALE	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTROL		6	7	7	7	7	7	6	7	7	6	6	5	7	6	7	7	6
		0	3	3	2	3	3	3	0	3	3	3	2	3	3	6	3	2
		6	3	3	9	3	3	3	3	4	5	8	5	4	4	4	3	4
	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7

males
(cont...)

Inflammation, Chronic Active

Prepuce, Inflammation, Chronic Active

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

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SPECIAL SENSES SYSTEM

Eye Inflammation	+	4
Harderian Gland	+	

URINARY SYSTEM

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	7	7	6	7	6	7	7	6	7	5	7	6	7	7	7	5	6	7	6
	3	2	7	3	8	3	3	0	1	9	3	3	3	3	2	5	3	3	8
	4	2	4	3	0	3	3	7	9	6	3	8	3	3	4	9	3	5	4
	4	2	4	3	0	3	3	7	9	6	3	8	3	3	4	9	3	4	4
CONTROL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4
ANIMAL ID																		* TOTALS	
Developmental Malformation																		2	
X																			

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	2	1.5	
Hyperplasia																							13	1.1	
Hypertrophy					1										2	1								2	2.5
Capsule, Hyperplasia																									
.....	50	3	2.3
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1	1.0	
Hyperplasia																									
.....	50	1	1.0
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1	2.0	
Hyperplasia																									
.....	50	1	2.0
Parathyroid Gland	+	+	M	+	M	M	+	+	+	+	M	+	I	+	M	+	+	+	+	+	+	35	1	2.0	
Hyperplasia																									
.....	35	1	2.0
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	1	1.0	
Pars Distalis, Hyperplasia																									
Pars Intermedia, Hyperplasia																									
.....	49	1	2.0

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HEMATOPOIETIC SYSTEM

Bone Marrow Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
																						3 2.7
Lymph Node, Bronchial Hyperplasia	+	M	+	M	+	M	+	M	M	+	M	+	M	+	M	+	M	+	M	M	M	32
																						4 2.3
Lymph Node, Mandibular Hyperplasia	+	M	+	+	+	+	+	+	+	M	+	M	+	M	+	M	+	M	+	M	+	32
																						2 2.5
Lymph Node, Mediastinal Hyperplasia	M	+	M	M	+	+	+	+	+	M	+	M	+	M	+	M	+	M	+	M	M	34
																						1 2.0
Lymph Node, Mesenteric Hyperplasia	+	+	M	+	+	+	+	+	+	M	+	M	+	M	+	M	+	M	+	M	+	47
																						2 3.0
Spleen Hematopoietic Cell Proliferation Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
																						26 2.5
	3	3	2	3	3	3	3	2	2	2	2	2	2	2	4	2	3	2	3	2	2	5 1.8
Thymus	+	+	+	M	+	+	M	+	M	M	+	+	+	+	M	+	+	+	+	+	+	34

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Skin + M + 49

Inflammation, Chronic Active 3 1 3.0
Prepuce, Inflammation, Chronic Active 2 4 4 3.5

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Infiltration Cellular, Histiocyte					1						2											7 1.6
Thrombosis																					1	1 1.0
Alveolar Epithelium, Hyperplasia																					2	3 1.3
Perivascular, Infiltration Cellular																					2	1 2.0

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SPECIAL SENSES SYSTEM

Eye Inflammation		1 1 4.0
Harderian Gland	+	2

URINARY SYSTEM

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Ureter

Transitional Epithelium, Hyperplasia

1

1 2.0

Urinary Bladder

Inflammation, Suppurative
Transitional Epithelium, H

+

3 2.7
1 2.0

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B6C3F1 MICE MALE 12.8 PPM	ANIMAL ID	Day on Test																								males (cont...)	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		5	7	7	7	7	7	7	5	7	6	5	7	5	7	7	5	5	6	7	6	7	7	6	7		
		8	3	3	3	3	3	3	4	3	9	8	3	2	3	3	7	9	3	3	8	3	2	3	3		
		2	3	4	3	3	3	4	4	6	3	1	3	3	3	3	4	9	6	5	3	8	3	2	5	4	
Karyomegaly		1	1	2																							
Necrosis		4		4																							
Regeneration		2	4		3	2																					
Bile Duct, Hyperplasia		2	3		2	2	2																				
Mesentery																											
Fat, Inflammation, Chronic																											
Fat, Necrosis																											
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Atrophy																											
Cytoplasmic Alteration		1																									
Hypertrophy																											
Duct, Cyst																											
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Infiltration Cellular, Mast Cell																											
Inflammation, Suppurative																											
Ulcer		2																									
Epithelium, Hyperplasia		2																									
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Inflammation, Suppurative																											
Mineralization																											
Tooth																											
Developmental Malformation																											

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GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

HEMATOPOIETIC SYSTEM

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MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

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SPECIAL SENSES SYSTEM

Eye Inflammation

Harderian Gland

URINARY SYSTEM

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CARDIOVASCULAR SYSTEM

Blood Vessel Mineralization	+	3	2	1 3.0
Heart Cardiomyopathy	+	49	43	1.1

ENDOCRINE SYSTEM

Adrenal Cortex Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	49
	1		2		1	1			1	1								2					4 1.8
Hypertrophy																							15 1.1
.....
Adrenal Medulla Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	49
																		1					3 1.0
.....
Islets, Pancreatic Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	48
	1																						2 1.5
.....
Parathyroid Gland	+	+	M	M	+	I	+	M	+	+	M	+	+	M	M	+	+	+	A	M	+	M	32
.....
Pituitary Gland Pars Distalis, Hyperplasia	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	47
																		2					2 1.5

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M., Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	49	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	47	
Cyst	2																	2						7 2.6
Inflammation																								4 2.3
Prostate	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	48	
Hyperplasia																								1 1.0
Inflammation, Suppurative																								1 2.0
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	48	
Inflammation																								2 2.0
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	49	
Atrophy																		1						3 1.3

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M Missing tissue

A.. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 Lesion qualified as

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

INTEGUMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

Brain + + + + + + + + + + + + + + + + + A + + + + + + 49
.....
Spinal Cord 1

RESPIRATORY SYSTEM

* ... Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

M. Missing tissue

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

.. Eczema qualified as:

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

SPECIAL SENSES SYSTEM

Eye Inflammation	+	1	4	1 4.0
Harderian Gland	+	5		

URINARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M.. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

TDMS No. 05136 - 08

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M., Missing tissue

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BLANK .. Not examined microscopically

1-4 .. Lesion qualified as

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Reqstd: 06/07/2007

Time Report Reqstd: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

B6C3F1 MICE MALE 32 PPM	ANIMAL ID	Day on Test																								males (cont...)	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		7	6	6	6	7	6	6	4	7	4	7	7	7	7	6	7	7	6	4	6	5	7	7	4	6	
		3	4	0	3	1	0	2	9	3	9	0	3	3	3	2	1	3	8	3	0	6	1	3	7	6	
		3	9	7	5	3	7	9	5	3	1	5	4	4	4	0	5	4	8	9	2	7	7	3	0	6	
Regeneration		2	2	2	3		3	3										4			4	4	3	2	2		
Bile Duct, Hyperplasia		2	3	2	3		2	2	1		3							4	2	2	2	1	3	3	3	2	3
Centrilobular, Necrosis		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	
Mesentery																											
Angiectasis																											
Fat, Necrosis																											
Pancreas																											
Atrophy																											
Basophilic Focus																											
Cytoplasmic Alteration																											
Hypertrophy																											
Salivary Glands																											
Stomach, Forestomach																											
Inflammation, Suppurative																											
Ulcer																											
Epithelium, Hyperplasia																											
Stomach, Glandular																											
Inflammation, Suppurative																											
Necrosis																											
Pigmentation																											

CARDIOVASCULAR SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

		DAY ON TEST																			
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		7	6	6	6	7	6	6	4	7	4	7	7	7	7	6	7	7	6	4	6
		3	4	0	3	1	0	2	9	3	9	0	3	3	3	2	1	3	8	3	0
		3	9	7	5	3	7	9	5	3	1	5	4	4	4	0	5	4	8	9	2
	
B6C3F1 MICE MALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 PPM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ANIMAL ID																			
		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
		0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
	
Thyroid Gland Follicular Cell, Hyperplasia		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
		1						1										4			

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

ALIMENTARY SYSTEM

* = Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

.. Lesion present
 Insufficient tissue

M Missing tissue

M .. Missing tissue
A .. Autolysis precludes evaluation

BLANK Not examined microscopically

1-4 Lesion qualified as:

+ .. Lesion qualified as:

1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Reqstd: 06/07/2007

Time Report Reqstd: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

B6C3F1 MICE MALE 32 PPM	ANIMAL ID	DAY ON TEST																								* TOTALS	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		6	6	6	7	6	6	5	5	7	6	7	6	7	5	5	7	3	5	6	7	7	7	6	5		
		8	9	6	3	7	6	7	5	9	3	0	3	0	3	6	4	3	8	0	2	3	3	0	8	7	
		8	3	3	4	9	6	9	1	6	4	7	4	6	4	5	5	3	2	2	3	4	4	1	0	9	
Regeneration		4	2	2	4	4	4	3	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	25 3.0	
Bile Duct, Hyperplasia		2	2	2	4	1	4	2	2	1	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	34 2.4	
Centrilobular, Necrosis		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	1 2.0	
Mesentery		+												+												16	
Angiectasis		+												+												2 2.0	
Fat, Necrosis		2												1												1 2.0	
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Atrophy		X																								2 1.0	
Basophilic Focus		X																								1	
Cytoplasmic Alteration		X																								1 2.0	
Hypertrophy		X																								1 1.0	
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Inflammation, Suppurative		1																									3 1.3
Ulcer		2																									1 2.0
Epithelium, Hyperplasia		1																									7 2.3
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation, Suppurative		1																									1 1.0
Necrosis		1																									1 1.0
Pigmentation		1																									1 2.0

CARDIOVASCULAR SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

ENDOCRINE SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x ... Lesion present

| Insufficient tissue

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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

* Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade.

† .. Tissue examined microscopically

x ... Lesion present

| .. Insufficient tissue

M Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

1-4 Lesion qualified as:

.. Lesion qualified as:

1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

HEMATOPOIETIC SYSTEM

Bone Marrow Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymph Node Iliac, Hyperplasia																									3 2.0
Lymph Node, Bronchial Hyperplasia	+	M	+	M	+	+	+	M	M	M	+	+	M	+	+	+	+	+	+	M	+	+	+	33	
Lymph Node, Mandibular Hyperplasia	M	+	M	+	M	+	+	+	M	+	+	M	+	M	+	+	+	+	M	+	+	+	M	27	
Lymph Node, Mediastinal Hematopoietic Cell Proliferation Hyperplasia	M	+	+	+	M	M	+	+	+	+	+	M	+	M	+	+	+	+	M	+	+	+	M	1 2.0	
Lymph Node, Mesenteric Angiectasis Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	37	
Spleen Accessory Spleen Hematopoietic Cell Proliferation	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	46	
Thymus	M	M	M	+	+	+	M	M	+	+	M	M	+	M	+	M	+	M	M	M	+	M	+	25	

* Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade.

† .. Tissue examined microscopically

x ... Lesion present

.. Lesion present
 Insufficient tissue

M Missing tissue

A - Autolysis precludes evaluation

BLANK Not examined microscopically

1-4 Lesion qualified as:

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

SPECIAL SENSES SYSTEM

..... Harderian Gland + + + + + + + + 11

URINARY SYSTEM

* = Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

X .. Lesser present
I .. Insufficient tissue

M Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

1-4 Lesion qualified as:

.. Lesion qualified as:

1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

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Lab: BNW

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

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Lab: BNW

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

.. Lesion present
 Insufficient tissue

M .. Missing tissue

A - Autolysis precludes evaluation

BLANK Not examined microscopically

1-4 .. Lesion qualified as

1-4: Lesion qualified as:

1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

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First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

CARDIOVASCULAR SYSTEM

Blood Vessel

ENDOCRINE SYSTEM

Parathyroid Gland + M M M M I M M + + M M + + M + M + + + + + M M +

Pituitary Gland + + + + + M + + + + + + + + + + + + + + + + + + M + + + + +

* .. Total animals with tissue examined microscopically: Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

.. Lesion present
 Insufficient tissue

M .. Missing tissue

A - Autolysis precludes evaluation

BLANK Not examined microscopically

1-4 .. Lesion qualified as

1-4 ... Lesion qualified as:

1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

			DAY ON TEST																						
			ANIMAL ID																						
B6C3F1 MICE MALE																									
80 PPM																							males (cont...)		
Bone Marrow Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node																									
Lymph Node, Bronchial Hyperplasia	+	+	M	+	+	M	M	M	+	M	M	M	+	M	+	+	+	+	M	M	+	M	M	+	
Lymph Node, Mandibular	+	+	+	+	+	+	M	M	+	+	M	+	+	+	M	+	M	+	M	M	M	+	M	+	
Lymph Node, Mediastinal Hyperplasia	+	+	+	+	M	+	M	I	+	+	M	+	+	+	+	+	M	+	+	+	M	+	+	+	
Lymph Node, Mesenteric Angiectasis	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	
Spleen Angiectasis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hematopoietic Cell Proliferation Infiltration Cellular, Histiocyte																									
2	2	2	3	2	3	3																			
Thymus Hyperplasia, Lymphoid	+	M	+	I	+	M	M	+	+	+	M	+	+	+	+	M	+	M	M	+	+	+	+	M	

INTEGUMENTARY SYSTEM

Mammary Gland

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Regsted: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

URINARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

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Lab: BNW

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x ... Lesion present

.. Lesion present
 Insufficient tissue

M.. Missing tissue

A .. Autolysis precludes evaluation

BLANK Not examined microscopically

1-4 .. Lesion qualified as

+ .. Lesion qualified as:

1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Reqstd: 06/07/2007

Time Report Reqstd: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

B6C3F1 MICE MALE 80 PPM	ANIMAL ID	DAY ON TEST																								* TOTALS	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		5	7	5	6	7	6	7	6	6	6	6	6	7	6	5	7	6	6	7	6	5	5	5	6		
		9	3	8	3	3	4	3	4	0	2	3	7	2	7	3	4	2	3	2	7	3	6	6	8	5	
		5	3	7	5	3	9	3	4	0	8	7	7	0	2	3	9	3	3	4	7	3	3	7	9	6	
Eosinophilic Focus		X		X																						8	
Hematopoietic Cell Proliferation			3		3																					4 2.3	
Karyomegaly		3	2	3		1	1	1	2	3	2	2					1	3	1	1	2	1	2	4		29 1.9	
Necrosis					1						4															6 3.5	
Regeneration		4	4	4		2		2	4	3	4	4		3		4	4	4	4	4	4	4	4	4	4	5	27 3.0
Bile Duct, Hyperplasia		4	3	4		2	1	2	4	3	4	2	4			4	3	3	2	3	3	3	3	3	4		36 2.9
Mesentery		+				+			+		+															11	
Inflammation, Granulomatous, Focal																											1 2.0
Thrombosis																	3										1 3.0
Fat, Necrosis																											1 3.0
Oral Mucosa																											1
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy																	1										2 1.0
Hyperplasia						1																					1 1.0
Hypertrophy																											2 1.0
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation, Suppurative																	2	1									5 1.8
Ulcer		2				2											2										12 1.8
Epithelium, Hyperplasia		2			3	3	2	1						1	3	2	2	2	2	1	2	3	2	4	2		29 2.2
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	48	
Mineralization																											1 1.0
Necrosis																											1 1.0

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l .. Insufficient tissue

M .. Missing tissue

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BLANK .. Not examined microscopically

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1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M Missing tissue

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BLANK .. Not examined microscopically

1-4 Lesion qualified as

1) Minimal 3) Moderate

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TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

INTEGUMENTARY SYSTEM

Mammary Gland

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1) Minimal 3) Moderate
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TDMS No. 05136 - 08

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia											2	1									4 1.3	
Inflammation, Suppurative												1									2 1.0	
Epiglottis, Metaplasia, Squamous																				1	1 1.0	
<hr/>																						
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Infiltration Cellular, Histiocyte											4	3	2	3	3	3	3	3	2	3	2	22 2.9

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TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Reqstd: 06/07/2007

Time Report Reqstd: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

B6C3F1 MICE MALE 80 PPM	ANIMAL ID	DAY ON TEST																								* TOTALS
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		5	7	5	6	7	6	7	6	6	6	6	6	7	6	5	7	6	6	7	6	5	5	5	6	
		9	3	8	3	3	4	3	4	0	2	3	7	2	7	3	4	2	3	2	7	3	6	6	8	5
		5	3	7	5	3	9	3	4	0	8	7	7	0	2	3	9	3	3	4	7	3	3	7	9	6
Inflammation, Focal, Chronic																										1 3.0
Alveolar Epithelium, Hyperplasia																										2 2.5
Bronchiole, Hyperplasia		2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Inflammation, Suppurative		2																								6 1.5
Lateral Wall, Necrosis		2																								1 2.0
Olfactory Epithelium, Atrophy		3	3	2	3	3	2	2	2	2	3	2	2	3	2	3	3	1	3	3	3	3	3	3	3	49 2.5
Olfactory Epithelium, Degeneration, Hyaline																										2 2.0
Olfactory Epithelium, Hyperplasia, Adenomatous		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	48 2.0
Olfactory Epithelium, Metaplasia		3	3	2	3	3	2	2	2	2	3	2	2	3	2	3	3	1	3	3	3	3	3	3	3	49 2.5
Respiratory Epithelium, Degeneration, Hyaline																										10 1.2
Respiratory Epithelium, Necrosis		2																								1 2.0
Trachea		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

SPECIAL SENSES SYSTEM

Eye																										1
Inflammation																										1 4.0
Harderian Gland		+		+		+		+		+		+		+		+		+		+		+		12		
Zymbal's Gland																										0

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x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

URINARY SYSTEM

*** END OF MALE DATA ***

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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.. Lesion present
 Insufficient tissue

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TDMS No. 05136 - 08

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Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

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First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

* = Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade.

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| .. Insufficient tissue

M Missing tissue

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1-4 Lesion qualified as

1-4: Lesion qualified as:

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Species/Strain: MICE/B6C3F1

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CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

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+ .. Tissue examined microscopically

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I .. Insufficient tissue

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1) Minimal 3) Moderate

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TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

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First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

URINARY SYSTEM

Kidney

Hydronephrosis

Inflammation, Chronic Active

Nephropathy

Artery, Inflammation, Chronic

Renal Tubule, Mineralization

Ureter

Urethra

Urinary Bladder

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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

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TDMS No. 05136 - 08

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Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

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First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hematopoietic Cell Proliferation																						1 2.0	
Hyperplasia																						1 1.0	
Hyper trophy																						2 1.0	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia																						3 1.0	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Parathyroid Gland	+	M	+	+	M	+	M	+	+	+	+	+	+	M	+	+	M	M	+	+	+	M	35
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	49
Pars Distalis, Hyperplasia																	2	1	1	1	2	2	18 1.9

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

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1-4 .. Lesion qualified as:

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TDMS No. 05136 - 08

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Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

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First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

GENERAL BODY SYSTEM

Tissue NOS + 1

GENITAL SYSTEM

HEMATOPOIETIC SYSTEM

* Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade.

† .. Tissue examined microscopically

x ... Lesion present

X .. Eosin present
I .. Insufficient tissue

M Missing tissue

A - Autolysis precludes evaluation

BLANK - Not examined microscopically

1-4 Lesion qualified as

1-4: Lesion qualified as:

1) Minimal 3) Moderate
2) Mild 4) Marked

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M., Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

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Lab: BNW

INTEGUMENTARY SYSTEM

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

* Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

† .. Tissue examined microscopically

x .. Lesion present

X .. Lesser present
I .. Insufficient tissue

Mean severity grade
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

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Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

Eye + 1
Harderian Gland + 2

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M.. Missing tissue

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1-4 .. Lesion qualified as

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TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

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URINARY SYSTEM

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TDMS No. 05136 - 08

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Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Reqstd: 06/07/2007

Time Report Reqstd: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

	DAY ON TEST																				
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B6C3F1 MICE FEMALE 12.8 PPM	6	7	5	6	7	7	6	7	6	4	7	6	6	5	5	7	2	6	7	4	7
	0	3	2	2	3	0	3	9	3	8	4	3	7	7	5	4	3	8	9	3	4
	7	5	3	4	4	2	5	1	4	0	0	5	3	7	1	8	5	5	1	5	7
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1
Necrosis																	1				2
Vacuolization																					
Cytoplasmic																					
Bile Duct, Hyperplasia																					
Centrilobular, Necrosis																					
Mesentery																		+			3
Fat, Inflammation, Chronic																		+			
Fat, Necrosis																		+			
Pancreas																		+			
Atrophy																		1			
Hypertrophy																					1
Salivary Glands																					
Inflammation																					
Stomach, Forestomach																					
Diverticulum																			X		
Ulcer																					
Epithelium, Hyperplasia																					
Stomach, Glandular																A	+	+	+	+	+

CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Atrium, Thrombosis																					3

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TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

HEMATOPOIETIC SYSTEM

* ... Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade.

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

INTEGUMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M., Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

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First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																								
Infiltration Cellular, Histiocyte							2	2			3				4				1	2			2	
Thrombosis																								2
Alveolar Epithelium, Hyperplasia																								
Bronchiole, Hyperplasia												2				1	2	1	1	2	3			2

* = Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A.. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

.. Eczema qualified as:

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

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First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

Olfactory Epithelium, Atrophy
Olfactory Epithelium, Hyperplasia,

12.8 PPM

females (cont...)

- Olfactory Epithelium, Atrophy
- Olfactory Epithelium, Hyperplasia,
Adenomatous
- Olfactory Epithelium, Metaplasia
- Respiratory Epithelium, Degeneration,
Hyaline

Trachea

SPECIAL SENSES SYSTEM

Eye Inflammation

Harderian Gland

URINARY SYSTEM

Kidney
Hydronephrosis
Metaplasia, Osseous
Nephropathy
Pigmentation, Hemosiderin

Urinary Bladder

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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1-4 .. Lesion qualified as

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

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First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

ALIMENTARY SYSTEM

Esophagus Epithelium, Hyperplasia	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	48	1	1.0		
Gallbladder Inflammation, Suppurative	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	44	1	2.0	
Intestine Large, Cecum Lymphoid Tissue, Hyperplasia	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	45	1	1.0	
Intestine Large, Colon Inflammation, Suppurative	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	47	1	3.0	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	47	
Intestine Small, Duodenum	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	45			
Intestine Small, Ileum	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	45			
Intestine Small, Jejunum	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	46			
Liver Angiectasis Eosinophilic Focus Hematopoietic Cell Proliferation Inflammation, Chronic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	49	3	3.3	
								X	X		X	X	X	X							4	2	X	12	
																						2		5	1.6
																						3		1	3.0

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| .. Insufficient tissue

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TDMS No. 05136 - 08

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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Reqstd: 06/07/2007

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First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

B6C3F1 MICE FEMALE 12.8 PPM	ANIMAL ID	DAY ON TEST																								* TOTALS
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		7	5	5	6	3	7	6	7	7	7	7	7	7	6	7	4	6	5	6	7	6	7	6	3	
		3	3	5	7	1	1	9	3	0	3	3	3	3	9	1	8	3	4	9	0	2	3	3	2	
		5	1	1	4	8	9	1	4	8	4	5	5	5	5	0	9	2	6	0	8	8	3	4	1	1
Necrosis																										5 2.0
Vacuolization Cytoplasmic																										2 2.5
Bile Duct, Hyperplasia																										1 1.0
Centrilobular, Necrosis																										2 2.5
Mesentery		+					+		+																	14
Fat, Inflammation, Chronic																										1 2.0
Fat, Necrosis																										3 2.3
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A 49	
Atrophy																										6 1.0
Hypertrophy																										3 1.0
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A 49	
Inflammation																										1 4.0
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A 49	
Diverticulum																										2
Ulcer																										2 2.0
Epithelium, Hyperplasia																										3 3.7
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A 48	

CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A 49	
Cardiomyopathy		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	35 1.0	
Atrium, Thrombosis																										1 3.0

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+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

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BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

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Lab: BNW

ENDOCRINE SYSTEM

Adrenal Cortex Hypertrophy Capsule, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	48	2 1.5 1 2.0
Adrenal Medulla Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	48	2 2.0
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	49	
Parathyroid Gland	+	+	M	M	+	M	M	+	+	+	M	+	+	+	M	M	+	+	+	M	+	M 35
Pituitary Gland Pars Distalis, Angiectasis Pars Distalis, Hyperplasia Pars Intermedia, Hyperplasia	+	+	+	+	+	+	+	+	+	+	1	1	1	1	1	1	1	1	1	A	48	1 1.0 8 2.1 1 1.0
Thyroid Gland Follicular Cell, Hyperplasia	+	+	+	+	+	+	+	+	+	+	3	1	2	2	1	1	2	2	+	A	49	15 1.5

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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TDMS No. 05136 - 08

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Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

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Lab: BNW

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	A	40
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	47
Angiectasis																						2	1 2.0
Atrophy	3	2	2																			8	2.4
Cyst	4		1	1	2		4		2	1		3		1	3	2		2	3		1	3	18 2.1
Hemorrhage							3															1	3.0
Granulosa Cell, Hyperplasia	2																					2	2.0
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	49	
Hydrometra																					4	4	6 3.5
Hyperplasia, Cystic																					2		3 2.3

HEMATOPOIETIC SYSTEM

* ... Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A.. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

INTEGUMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

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1) Minimal 3) Moderate

2) Mild 4) Marked

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Test Type: CHRONIC

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Species/Strain: MICE/B6C3F1

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CHLOROPRENE

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First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

Nose + A 49 1 2.0
 Infiltration Cellular, Mast Cell 1 1.0
 Inflammation, Suppurative 1 2.0
 Glands, Olfactory Epithelium,
 Inflammation, Acute 2

* Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade.

† .. Tissue examined microscopically

x .. Lesion present

X .. Eosin present
I .. Insufficient tissue

M Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

1-4 Lesion qualified as:

+ .. Lesion qualified as:

1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 05136 - 08

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

SPECIAL SENSES SYSTEM

Eye Inflammation 1 1 4.0

Harderian Gland + + + + 6

URINARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x ... Lesion present

.. Lesion present
 Insufficient tissue

M.. Missing tissue

A .. Autolysis precludes evaluation

BLANK Not examined microscopically

1-4 .. Lesion qualified as:

+ .. Lesion qualified as:

1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

CARDIOVASCULAR SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

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First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

- Olfactory Epithelium, Atrophy
- Olfactory Epithelium, Metaplasia
- Respiratory Epithelium, Degeneration,
Hyaline
- Respiratory Epithelium, Necrosis

1

SPECIAL SENSES SYSTEM

Harderian Gland + +

URINARY SYSTEM

* = Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Total animals with tissue examined

x .. Lesion present

| .. Insufficient tissue

M Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 Lesion qualified as:

.. Lesion qualified as:

1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

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First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

ALIMENTARY SYSTEM

* Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade.

† .. Tissue examined microscopically

x ... Lesion present

X .. Eosin present
I .. Insufficient tissue

M Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

1-4 Lesion qualified as:

14. Eosinophils qualified as:

1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 05136 - 08

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

CHLOROPRENE

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CARDIOVASCULAR SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

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Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

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First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

ENDOCRINE SYSTEM

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

X .. Essien present
I .. Insufficient tissue

M.. Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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Lab: BNW

HEMATOPOIETIC SYSTEM

Bone Marrow Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2	2	A	+	+	49	3	2.0	
Lymph Node Hyperplasia Iliac, Hyperplasia		+																			+	3	5		1	3.0		1	2.0
Lymph Node, Bronchial Hematopoietic Cell Proliferation Hyperplasia	+	+	M	+	M	+	+	+	+	M	+	+	+	M	M	+	+	M	+	M	+	+	M	+	+	34	1	3.0	

* Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade.

† .. Total animals with tissue examined

x ... Lesion present

X .. Eosin present
I .. Insufficient tissue

M Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

1-4 Lesion qualified as:

.. Lesion qualified as:

1) Minimal 3) Moderate
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TDMS No. 05136 - 08

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First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

	DAY ON TEST																				
B6C3F1 MICE FEMALE 32 PPM																				* TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	6	6	5	4	4	5	3	5	6	3	5	6	6	6	3	6	6	7	6	6	
	0	2	5	7	2	2	4	7	7	8	9	4	5	2	9	2	2	1	2	7	
	7	3	1	2	5	4	6	2	1	9	6	4	6	0	4	9	9	7	4	8	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
		2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	

SPECIAL SENSES SYSTEM

Harderian Gland + + 4

URINARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M.. Missing tissue

A.. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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+ .. Total animals with tissue examined

x .. Lesion present

| .. Insufficient tissue

M Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 Lesion qualified as

1-4: Lesion qualified as:

1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

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First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

Degeneration, Hyaline
Inflammation, Suppurative
Epithelium, Hyperplasia

?

females (cont...)

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ... Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Regsted: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

HEMATOPOIETIC SYSTEM

Bone Marrow Angiectasis Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2	2													
Lymph Node Iliac, Hyperplasia																													+	+	4												
Lymph Node, Bronchial Hyperplasia	+	+	+	M	+	+	+	M	+	+	+	+	+	M	+	+	M	+	+	M	+	M	+	M	+	M	+	+	+	+	2												
Lymph Node, Mandibular Hematopoietic Cell Proliferation Hyperplasia	+	M	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	M	+	M	+	M	+	M	+	+	+	+	+	2	4	4	3									
Lymph Node, Mediastinal Hyperplasia	+	+	M	+	I	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	M	+	M	+	M	+	+	+	+	2	3	3										
Lymph Node, Mesenteric Congestion Hematopoietic Cell Proliferation Hemorrhage Hyperplasia Inflammation, Chronic	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							
Spleen Hematopoietic Cell Proliferation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2	2	4	4	3	4	3	3	2	4	3	2	4

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+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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1-4 .. Lesion qualified as

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Registered: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

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ALIMENTARY SYSTEM

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	DAY ON TEST	0 5 3 1	0 6 3 2	0 5 7 3	0 6 3 1	0 6 3 5	0 3 3 1	0 4 8 3	0 6 2 2	0 6 2 9	0 4 6 8	0 6 4 2	0 6 8 0	0 6 6 6	0 5 3 8	0 6 4 2	0 6 3 9	0 5 4 9	0 6 2 1
B6C3F1 MICE FEMALE		0 0 0 0																	
80 PPM	ANIMAL ID	7 2 6	7 2 7	7 2 8	7 2 9	* TOTALS													
Degeneration, Hyaline																			1 1.0
Inflammation, Suppurative		1																	4 1.5
Epithelium, Hyperplasia		1																	1 1.0

CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cardiomyopathy	1	1	1	1	1	1	2												33 1.1
Artery, Inflammation																			1 2.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hematopoietic Cell Proliferation																			1 1.0
Hypertrophy																			2 1.5
Necrosis																			1 4.0
	4																		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia																			1 1.0
Necrosis																			1 3.0
	3																		
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia																			1 1.0
Parathyroid Gland	+	+	+	+	+	+	+	+	M	M	+	+	+	M	M	+	+	M	37
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

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GENERAL BODY SYSTEM

NONE

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Bone Marrow Angiectasis Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1 2.0
	2	2																				4 2.0	
Lymph Node Iliac, Hyperplasia																						2	1 4.0
Lymph Node, Bronchial Hyperplasia	M	+	+	+	+	M	+	+	M	+	+	M	M	M	+	+	+	2	+	+	+	38	3 2.0
																			2				
Lymph Node, Mandibular Hematopoietic Cell Proliferation Hyperplasia	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	M	M	+	M	+	40	1 2.0
									2													4 3.3	
Lymph Node, Mediastinal Hyperplasia	+	+	+	+	+	+	+	+	M	+	+	M	+	M	+	+	M	M	+	M	+	40	7 2.3
																	2						
Lymph Node, Mesenteric Congestion Hematopoietic Cell Proliferation Hemorrhage Hyperplasia Inflammation, Chronic	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	46	1 2.0
																							1 4.0
																							1 3.0
																							2 3.0
																							1 2.0
Spleen Hematopoietic Cell Proliferation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	39 2.9
	3	4	4	3	3	3	2	2	2	1	2	2	2	2	4	3	2	2	3	4	4		

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SPECIAL SENSES SYSTEM

Ear				1
Harderian Gland	+	+	+	9
Zymbal's Gland			+	3

URINARY SYSTEM

*** END OF REPORT ***

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